

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/820,679-Conf. #8534
				Filing Date	April 8, 2004
				First Named Inventor	Ian Hunter
				Art Unit	1797
				Examiner Name	A. Soderquist
Sheet	1	of	9	Attorney Docket Number	65689CPDV(43382)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA*	US-2004/0191924	09-30-2004	Hunter et al.	
	AB*	US-2002/0001544	01-03-2002	Hess et al.	
	AC*	US-6,812,030	11-02-2004	Ozbal et al.	
	AD*	US-5,427,908	06-27-1995	Dower et al.	
	AE*	US-5,580,717	12-03-1996	Dower et al.	
	AF*	US-4,663,163	05-05-1987	Hou et al.	
	AG*	US-5,585,275	12-17-1996	Hudson et al.	
	AH*	US-5,576,220	11-19-1996	Hudson et al.	
	AI*	US-6,107,059	08-22-2000	Hart	
	AJ*	US-5,242,974	09-07-1993	Holmes	
	AK*	US-4,701,304	10-20-1987	Horn et al.	
	AL*	US-20040132040-A1	07-08-2004	Hamill	
	AM*	US-20040132040-A1	07-08-2004	Hamill	
	AN*	US-20040132040-A1	07-08-2004	Hamill	
	AO*	US-20030219716	11-27-2003	Avdeef et al.	
	AP*	US-6,630,835	07-10-2003	Cheng et al.	
	AQ*	US-6,844,161	01-18-2005	Siani et al.	
	AR*	US-6,576,478	06-10-2003	Wagner et al.	
	AS*	US-6,429,025	08-06-2002	Parce et al.	
	AT*	US-6,406,869	06-18-2002	Glickman et al.	
	AU*	US-2004/0241636	12-02-2004	Michnick et al.	
	AV*	US-5,491,083	02-13-2006	Arentzen et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA	WO-99/61152-A1	12-02-1999	MJ Research, Inc.		
	BB	WO-2004/074818-A2	09-02-2004	BioTrove, Inc.		
	BC	WO-00/51735	09-08-2000	Glaxo Group Ltd et al.		
	BD	WO-01/87335	11-22-2001	Lilly Co Eli et al.		
	BE	WO-01/38583	05-31-2001	Diversa Corp		
	BF	WO-01/61054	08-23-2001	Univ Leland Stanford Junior et al.		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/820,679-Conf. #8534
				Filing Date	April 8, 2004
				First Named Inventor	Ian Hunter
				Art Unit	1797
				Examiner Name	A. Soderquist
Sheet	2	of	9	Attorney Docket Number	65689CPDV(43382)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AW*	US-2003/0170610	09-11-2003	Cima et al.	
	AX*	US-5,433,975	07-18-1995	Roberts et al.	
	AY*	US-5,322,019	06-21-1994	Hyland	
	AZ*	US-5,175,209	12-29-1992	Beattie et al.	
	AA1*	US-5,722,370	03-03-1998	Koike et al.	
	AB1*	US-6,015,880	01-18-2000	Baldeschwieler et al.	
	AC1*	US-6,103,479	08-15-2000	Taylor	
	AD1*	US-6,136,592	10-24-2000	Leighton	
	AE1*	US-6,309,600	10-30-2001	Hunter	
	AF1*	US-2002/0049196	04-25-2002	Carpino et al.	
	AG1*	US-5,152,060	10-06-1992	Schubert et al.	
	AH1*	US-3,997,396	12-14-1976	Delente	
	AI1*	US-5,373,803	12-20-1994	Noguchi et al.	
	AJ1*	US-5,906,683	05-25-1999	Chen et al.	
	AK1*	US-1,236,137	08-01-1917	Bastow	
	AL1*	US-2,745,001	05-01-1956	Guth	
	AM1*	US-3,170,980	02-01-1965	Pritchard	
	AN1*	US-3,864,512	02-04-1975	Meadow	
	AO1*	US-4,110,165	08-29-1978	Cole et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BG	WO-00/56456	09-28-2000	Genencor Int		
	BH	WO-99/55461	11-04-1999	Corning Inc		
	BI	JP-63107057	05-12-1988	Hitachi Ltd		
	BJ	WO-97/00941	01-09-1997	Univ Utah Res Found		
	BK	WO-97/00943	01-09-1997	Brnl Fluorchem Ltd et al.		
	BL	WO-02/87764	11-07-2002	Biotrove Inc		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/820,679-Conf. #8534
				Filing Date	April 8, 2004
				First Named Inventor	Ian Hunter
				Art Unit	1797
				Examiner Name	A. Soderquist
Sheet	3	of	9	Attorney Docket Number	65689CPDV(43382)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AP1*	US-5,382,985	01-17-1995	Becker et al.	
	AQ1*	US-3,043,669	07-10-1962	Charles	
	AR1*	US-4,007,010	02-08-1977	Woodbridge, III	
	AS1*	US-4,065,263	12-27-1977	Woodbridge, III	
	AT1*	US-4,273,877	06-16-1981	Anagnostopoulos et al.	
	AU1*	US-4,990,459	02-05-1991	Maeda et al.	
	AV1*	US-5,009,846	04-23-1991	Gavet et al.	
	AW1*	US-5,108,926	04-28-1992	Klebe	
	AX1*	US-5,466,583	11-14-1995	Thomson et al.	
	AY1*	US-6,083,682	07-04-2000	Campbell et al.	
	AZ1*	US-6,514,750	02-04-2003	Bordenkircher et al.	
	AA2*	US-6,730,883	05-08-2004	Brown et al.	
	AB2*	US-5,710,381	01-20-1998	Atwood et al.	
	AC2*	US-5,475,610	12-12-1995	Atwood et al.	
	AD2*	US-5,602,756	02-11-1997	Atwood et al.	
	AE2*	US-6,737,026	05-18-2004	Bergh et al.	
	AF2*	US-4,453,805	06-12-1984	Ashkin et al.	
	AG2*	US-4,613,573	09-23-1986	Shibayama et al.	
	AH2*	US-4,683,195	07-28-1987	Mullis et al.	
	AI2*	US-4,683,202	07-28-1987	Mullis	
	AJ2*	US-4,734,192	03-29-1988	Champion et al.	
	AK2*	US-4,861,722	08-29-1989	Sano et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BM	WO-02/30561	04-18-2002	Biotrove Inc et al.		
	BN	WO-03/02226	01-09-2003	Biotrove Inc		
	BO	DE-100 46 224	03-28-2002	Deepe, et al.		
	BP	EP-0 236 069	09-09-1987	Cetus Corporation		
	BQ	EP-0 402 888	12-19-1990	Behringwerke		
	BR	WO-02/78834	10-10-2002	Genospectra, Inc.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/820,679-Conf. #8534
				Filing Date	April 8, 2004
				First Named Inventor	Ian Hunter
				Art Unit	1797
				Examiner Name	A. Soderquist
Sheet	4	of	9	Attorney Docket Number	65689CPDV(43382)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AL2*	US-4,893,886	01-16-1990	Ashkin et al.	
	AM2*	US-4,932,806	06-12-1990	Eklund et al.	
	AN2*	US-4,965,188	10-23-1990	Mullis et al.	
	AO2*	US-5,038,852	08-13-1991	Johnson et al.	
	AP2*	US-5,100,627	03-31-1992	Buican et al.	
	AQ2*	US-5,192,980	03-09-1993	Dixon et al.	
	AR2*	US-5,219,727	06-15-1993	Wang et al.	
	AS2*	US-5,229,163	07-20-1993	Fox	
	AT2*	US-5,234,665	08-10-1993	Ohta et al.	
	AU2*	US-5,310,652	05-10-1994	Gelfand et al.	
	AV2*	US-5,322,770	06-21-1994	Gelfand	
	AW2*	US-5,333,675	08-02-1994	Mullis et al.	
	AX2*	US-5,407,800	04-18-1995	Gelfand et al.	
	AY2*	US-5,411,876	05-02-1995	Bloch et al.	
	AZ2*	US-5,455,008	10-03-1995	Earley et al.	
	AA3*	US-5,476,744	12-19-1995	Anno et al.	
	AB3*	US-5,476,774	12-19-1995	Wang et al.	
	AC3*	US-5,492,806	02-20-1996	Drmanac et al.	
	AD3*	US-5,504,007	04-02-1996	Haynes	
	AE3*	US-5,508,197	04-16-1996	Hansen et al.	
	AF3*	US-5,525,464	06-11-1996	Drmanac et al.	
	AG3*	US-5,538,848	07-23-1996	Livak et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BS	WO-00/01798	01-13-2000	Cartesian Technologies, Inc.		
	BT	WO-02/26394	04-04-2002	Picoliter Inc.		
	BU	WO-02/40158	05-23-2002	Herfurth Laser Technology Ltd		
	BV	WO-02/55199	07-18-2002	Sequenom, Inc.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/820,679-Conf. #8534
				Filing Date	April 8, 2004
				First Named Inventor	Ian Hunter
				Art Unit	1797
				Examiner Name	A. Soderquist
Sheet	5	of	9	Attorney Docket Number	65689CPDV(43382)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AH3*	US-5,554,339	09-10-1996	Cozzette et al.	
	AI3*	US-5,561,058	10-01-1996	Gelfand et al.	
	AJ3*	US-5,561,071	10-01-1996	Hollenberg et al.	
	AK3*	US-5,593,839	01-14-1997	Hubbell et al.	
	AL3*	US-5,641,391	06-24-1997	Hunter et al.	
	AM3*	US-5,656,493	08-12-1997	Mullis et al.	
	AN3*	US-5,667,972	09-16-1997	Drmanac et al.	
	AO3*	US-5,720,923	02-24-1998	Haff et al.	
	AP3*	US-5,780,233	07-14-1998	Guo et al.	
	AQ3*	US-5,785,926	07-28-1998	Seubert et al.	
	AR3*	US-5,871,908	02-16-1999	Henco et al.	
	AS3*	US-5,879,632	03-09-1999	Demers	
	AT3*	US-5,897,842	04-27-1999	Dunn et al.	
	AU3*	US-5,928,907	07-27-1999	Woudenberg et al.	
	AV3*	US-5,942,432	08-24-1999	Smith et al.	
	AW3*	US-5,962,316	10-05-1999	Beach et al.	
	AX3*	US-5,994,056	11-30-1999	Higuchi	
	AY3*	US-6,001,586	12-14-1999	Schellenberger	
	AZ3*	US-6,020,141	02-01-2000	Pantoliano et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BW	WO-02/89982	11-14-2002	Massachusetts Institute of Technology		
	BX	WO-03/35239	05-01-2003	Sequenom Inc.		
	BY	WO-03/42697	05-22-2003	Genospectra, Inc.		
	BZ	WO-04/18104	03-04-2004	BioTrove, Inc.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/820,679-Conf. #8534
				Filing Date	April 8, 2004
				First Named Inventor	Ian Hunter
				Art Unit	1797
				Examiner Name	A. Soderquist
Sheet	6	of	9	Attorney Docket Number	65689CPDV(43382)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA4*	US-5,554,339	09-10-1996	Cozzette et al.	
	AB4*	US-5,561,058	10-01-1996	Gelfand et al.	
	AC4*	US-5,561,071	10-01-1996	Hollenberg et al.	
	AD4*	US-5,593,839	01-14-1997	Hubbell et al.	
	AE4*	US-5,641,391	06-24-1997	Hunter et al.	
	AF4*	US-5,656,493	08-12-1997	Mullis et al.	
	AG4*	US-5,667,972	09-16-1997	Drmanac et al.	
	AH4*	US-5,720,923	02-24-1998	Haff et al.	
	AI4*	US-5,780,233	07-14-1998	Guo et al.	
	AJ4*	US-5,785,926	07-28-1998	Seubert et al.	
	AK4*	US-5,871,908	02-16-1999	Henco et al.	
	AL4*	US-5,879,632	03-09-1999	Demers	
	AM4*	US-5,897,842	04-27-1999	Dunn et al.	
	AN4*	US-5,928,907	07-27-1999	Woudenberg et al.	
	AO4*	US-5,942,432	08-24-1999	Smith et al.	
	AP4*	US-5,962,316	10-05-1999	Beach et al.	
	AQ4*	US-5,994,056	11-30-1999	Higuchi	
	AR4*	US-6,001,586	12-14-1999	Schellenberger	
	AS4*	US-6,020,141	02-01-2000	Pantoliano et al.	
	AT4*	US-6,086,825	07-11-2000	Sundberg et al.	
	AU4*	US-6,088,100	07-11-2000	Brenan et al.	
	AV4*	US-6,090,251	07-18-2000	Sundberg et al.	
	AW4*	US-6,103,199	08-15-2000	Bjornson et al.	
	AX4*	US-6,136,566	10-24-2000	Sands et al.	
	AY4*	US-6,149,815	11-21-2000	Sauter	
	AZ4*	US-6,174,670	01-16-2001	Wittwer et al.	
	AA5*	US-6,197,563	03-06-2001	Erlach et al.	
	AB5*	US-6,235,473-B1	05-22-2001	Friedman et al.	
	AC5*	US-6,245,505	06-12-2001	Todd et al.	
	AD5*	US-6,251,343	06-26-2001	Dubrow et al.	
	AE5*	US-6,271,024	08-07-2001	Sve et al.	
	AF5*	US-6,296,702	10-02-2001	Bryning et al.	
	AG5*	US-6,284,113	09-04-2001	Bjornson et al.	
	AH5*	US-6,312,103-B1	11-06-2001	Haluzak	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/820,679-Conf. #8534
				Filing Date	April 8, 2004
				First Named Inventor	Ian Hunter
				Art Unit	1797
				Examiner Name	A. Soderquist
Sheet	7	of	9	Attorney Docket Number	65689CPDV(43382)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AI5*	US-6,337,435	01-08-2002	Chu et al.	
	AJ5*	US-6,353,774-B1	03-05-2002	Goldenberg et al.	
	AK5*	US-6,391,559	05-21-2002	Brown et al.	
	AL5*	US-6,399,396	06-04-2002	Bass	
	AM5*	US-6,399,952	06-04-2002	Maher et al.	
	AN5*	US-6,404,166	06-11-2002	Puchianu et al.	
	AO5*	US-6,410,331	06-25-2002	Schultz et al.	
	AP5*	US-6,454,924	09-24-2002	Jedrzejewski et al.	
	AQ5*	US-6,485,690	11-26-2002	Pfost et al.	
	AR5*	US-6,485,944	11-26-2002	Church et al.	
	AS5*	US-6,495,104	12-17-2002	Unno et al.	
	AT5*	US-6,503,757	01-07-2003	Chow	
	AU5*	US-6,544,737	04-08-2003	Blumenfeld et al.	
	AV5*	US-6,572,828	06-03-2003	Potyralo et al.	
	AW5*	US-6,579,358	06-17-2003	Delucas et al.	
	AX5*	US-6,582,914	06-24-2003	Caldwell et al.	
	AY5*	US-6,638,761	10-28-2003	Shin et al.	
	AZ5*	US-6,642,000	11-04-2003	Strizhkov et al.	
	AA6*	US-6,649,402	11-18-2003	Van der Weide et al.	
	AB6*	US-6,664,044	12-16-2003	Sato et al.	
	AC6*	US-6,677,151	01-13-2004	Sandell	
	AD6*	US-6,682,702	01-27-2004	Barth et al.	
	AE6*	US-6,689,323	02-10-2004	Fisher et al.	
	AF6*	US-6,703,236	03-09-2004	Atwood	
	AG6*	US-6,706,538	03-16-2004	Karg et al.	
	AH6*	US-6,821,486	11-23-2004	Akporiaye et al.	
	AI6*	US-6,841,663	01-11-2005	Lefkowitz et al.	
	AJ6*	US-6,848,462	02-01-2005	Covington et al.	
	AK6*	US-6,878,554	04-12-2005	Schermer et al.	
	AL6*	US-7,223,363	05-29-2007	McNeely et al.	
	AM6*	US-7,300,798	11-27-2007	Perbost et al.	
	AN6*	US-20010053334	12-20-2001	Chen et al.	
	AO6*	US-20020001546	01-03-2002	Hunter et al.	
	AP6*	US-20020003177	01-10-2002	O'Connor et al.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/820,679-Conf. #8534
				Filing Date	April 8, 2004
				First Named Inventor	Ian Hunter
				Art Unit	1797
				Examiner Name	A. Soderquist
Sheet	8	of	9	Attorney Docket Number	65689CPDV(43382)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (# known)			
	AQ6*	US-20020015994	02-07-2002	Schellenberger et al.	
	AR6*	US-20020072096	06-13-2002	O'Keefe et al.	
	AS6*	US-20020094533	07-18-2002	Hess et al.	
	AT6*	US-20020110900	08-15-2002	Jovanovich et al.	
	AU6*	US-20020119578	08-29-2002	Zaffaroni et al.	
	AV6*	US-20020151040	10-17-2002	O' Keefe et al.	
	AW6*	US-20050130213	06-16-2005	Morrison	
	AX6*	US-20030119042	06-26-2003	Franco De Sarabia Rosado et al.	
	AY6*	US-20030039585	02-27-2003	Freeman	
	AZ6*	US-20030080087	05-01-2003	Stelzle	
	AA7*	US-20030108726	06-12-2003	Schembri et al.	
	AB7*	US-20030180807	09-25-2003	Hess et al.	
	AC7*	US-20030186350	10-02-2003	Newell	
	AD7*	US-20030207099	11-06-2003	Gillmor et al.	
	AE7*	US-20040037748	02-26-2004	Hasan et al.	
	AF7*	US-20040209303	10-21-2004	Martin	
	AG7*	US-20040023223	02-05-2004	Thompson et al.	
	AH7*	US-20040171166	09-02-2004	Hunter	
	AI7*	US-20040191924	09-30-2004	Hunter et al.	
	AJ7*	US-20040208792	10-21-2004	Linton et al.	
	AK7*	US-20040235005	11-25-2004	Friedlander et al.	
	AL7*	US-20060057209	03-16-2006	Chapman et al.	
	AM7*	US-20060194108	08-31-2006	Drews et al.	
	AN7*	US-20060105433	05-18-2006	Bickmore et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/820,679-Conf. #8534
				Filing Date	April 8, 2004
				First Named Inventor	Ian Hunter
				Art Unit	1797
				Examiner Name	A. Soderquist
Sheet	9	of	9	Attorney Docket Number	65689CPDV(43382)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	CRC Handbook of Chemistry and Physics, Ed. Robert C. Weast, Ph.D. 65th Edition. 1984-1985. PPF-20 - F-35.	
	CB	Adlercreutz et al., "Oxygen Supply to Immobilized Cells," <i>European Journal of Applied Microbiology Biotechnology</i> , Vol. 16 pp. 165-170 (1982)	
	CC	KANIGAN et al., "Living Chips for Drug Discovery", 3926 Proc. SPIE 172-180 (2000).	
	CD	Colin J. BRENAN et al., "A massively parallel microfluidics platform for storage and ultra high throughput screening", 4626 Proc. SPIE 560-69 (2002).	
	CE	Sosnowski, Luke, "Manufacturing Methods for High Density Micro-Channel Arrays" (June 2000) (Master's Thesis) (Massachusetts Institute of Technology Dep't of Mechanical Engineering).	
	CF	Prescott et al., <i>Microbiology</i> 31, 114-16 (1990)	
	CG	J.H. Brown, Charts for Counting Bacterial Colonies, 37 Am. J. Pub. Health Nations Health 206-07 (1947)	
	CH	Polokoff et al, Isolation of Somatic Cell Mutants Defective in the Biosynthesis of Phosphatidylethanolamine, 256 J. Biological Chem. 7687-90 (1981)	
	CI	Coleman et al., Phospholipid Synthesis in Isolated Fat Cells, 252 J. Biological Chem. 3050-56 (1977)	
	CJ	Colin S. Cooper, Applications of microarray technology in breast cancer research, 3(3) Breast Cancer Res. 158-75 (2001).	
	CK	Elizabeth Zubritsky, Spotting a microarray system, 4(5) Modern Drug Discovery 59 (May 2001)	
	CL	de Macario et al., Chemical Abstr. 67622t (1985)	
	CM	de Macario et al., 121 Methods in Enzymology 509-25 (1986)	
	CN	de Macario et al., Adaptation of the Slide Immunozytic Assay for Quantification of DNA Hybridization: SIA-DNA, 8 Biotechniques 210-17 (1990).	
	CO	L.J. Kricka & P. Wilding, Microchip PCR, 377 Anal. Bioanal. Chem. 820-25 (2003).	
	CP	A.F.R. Huhmer & J.P. Landers, Noncontact Infrared-Mediated Thermocycling for Effective Polymerase Chain Reaction Amplification of DNA in Nanoliter Volumes, 72 Anal. Chem. 5507-12 (2000).	
	CQ	Mann A. Shoffner et al. Chip PCR. I. Surface passivation of microfabricated silicon-glass chips for PCR, 24(2) Nucleic Acids Research 375-79 (1996).	
	CR	Da-Sheeng Lee et al., A novel real-time PCR machine with a miniature spectrometer for fluorescence sensing in a micro liter volume glass capillary, 100 Sensors and Actuators B 401-10 (2004).	
	CS	Tian-Lu CHENG et al., "Membrane-Tethered Proteins for Basic Research, Imaging and Therapy", Medical Research Reviews (May 14, 2008).	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.